CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2008 Certified Company

JAS-ANZ BSCIC ISO 9001 REGISTERED

Job No.: CCTCE/BBMP/W.No.17/GV/CUBE/2014-15 24.05.2014

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Asst. Executive Engineer,** Yeshwanthapura Sub Division, BBMP, Bangalore.

Agency : **Mr. G. Vasu,** Contractor, Bangalore.

Name of the work : Construction of RCC drain at 11th Cross of Muthyalanagar in Ward No. 17, BBMP, Bangalore.

Reference : EE/RRND/Wo.No./307/2013-14 Dated: 26.02.2014

Sample ID : RCC Drain Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28^{th} day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	26.04.2014	24.05.2014	8.312	502.1	22.32
2	26.04.2014	24.05.2014	8.235	487.5	21.67
3	26.04.2014	24.05.2014	8.386	511.9	22.75

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

Civil-Tech Consultants & Engineers Bangalore

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Grade of Concrete	: M_{20}
Compressive Strength as on	: 28^{th} day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.04.2014	26.05.2014	8.215	491.5	21.84
2	28.04.2014	26.05.2014	8.267	496.7	22.08
3	28.04.2014	26.05.2014	8.319	511.8	22.75

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Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28^{th} day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	29.04.2014	27.05.2014	8.395	514.6	22.87
2	29.04.2014	27.05.2014	8.312	493.7	21.94
3	29.04.2014	27.05.2014	8.287	479.5	21.31

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Grade of Concrete	: M_{20}
Compressive Strength as on	: 28^{th} day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	30.04.2014	28.05.2014	8.268	498.6	22.16
2	30.04.2014	28.05.2014	8.391	515.4	22.91
3	30.04.2014	28.05.2014	8.142	482.8	21.46

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